

CLAIMS:

1. An optical recording medium which comprises a support substrate, a plurality of recording layers formed on the support substrate and a transparent intermediate layer(s) formed between the plurality of recording layers and is constituted so that data can be recorded therein and/or reproduced therefrom by a laser beam projected through a light incidence plane, in which optical recording medium a recording layer other than a recording layer farthest from the light incidence plane among the plurality of recording layers is constituted so as to be able to rewrite data and comprises at least a recording film, a first dielectric film disposed in contact with the recording film on a side thereof on which the light incidence plane is present, a second dielectric film disposed in contact with the recording film on a side thereof opposite to the side on which the light incidence plane is present and having a thickness smaller than 15 nm, a transparent heat radiation film disposed in contact with the first dielectric film on a side thereof on which the light incidence plane is present, a translucent reflective film disposed in contact with the second dielectric film on a side thereof opposite to the side on which the light incidence plane is present and having a thickness smaller than 20 nm, and a base protect film disposed between the translucent reflective film and the transparent intermediate layer.
2. An optical recording medium in accordance with Claim 1, wherein the second dielectric film is formed so as to have a thickness of 1 nm to 10 nm.
3. An optical recording medium in accordance with Claim 1, wherein the translucent reflective film is formed so as to have a thickness equal to

or larger than 4 nm.

4. An optical recording medium in accordance with Claim 2, wherein the translucent reflective film is formed so as to have a thickness equal to
5 or larger than 4 nm.

5. An optical recording medium in accordance with Claim 1, wherein the translucent reflective film is formed of metal.

10 6. An optical recording medium in accordance with Claim 5, wherein the translucent reflective film is formed of Ag.

7. An optical recording medium in accordance with Claim 1, wherein the transparent heat radiation film is formed of a material having a
15 higher thermal conductivity than that used for forming the first dielectric film.

8. An optical recording medium in accordance with Claim 2, wherein the transparent heat radiation film is formed of a material having a
20 higher thermal conductivity than that used for forming the first dielectric film.

9. An optical recording medium in accordance with Claim 3, wherein the transparent heat radiation film is formed of a material having a
25 higher thermal conductivity than that used for forming the first dielectric film.

10. An optical recording medium in accordance with Claim 7, wherein

the transparent heat radiation film contains AlN or SiC as a primary component.

11. An optical recording medium in accordance with Claim 8, wherein
5 the transparent heat radiation film contains AlN or SiC as a primary component.

12. An optical recording medium in accordance with Claim 9, wherein
the transparent heat radiation film contains AlN or SiC as a primary
10 component.